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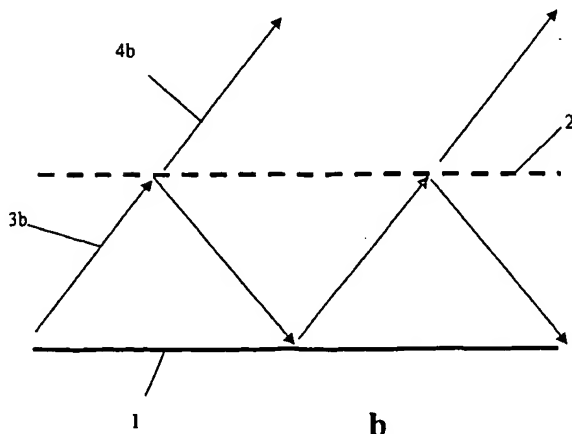
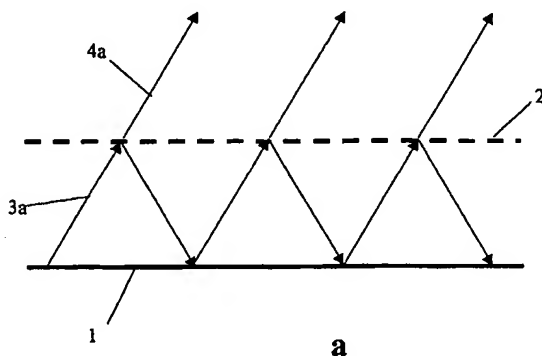
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(54) Title: **RADIATION CONTROLLER INCLUDING REACTIVE ELEMENTS ON A DIELECTRIC SURFACE**



(57) Abstract: A device for controlling electromagnetic ra-
diation emitted by a structure is described. The device has a
reactive element comprising an array of conductors disposed
on a dielectric surface such that the displacement between a
conductor and any other conductor adjacent to it is small com-
pared to the wavelength of the electromagnetic radiation. As
such, the array of conductors represents an effectively contin-
uous conductive surface to the electromagnetic radiation and
the surface impedance of the conductive surface (2) is reac-
tive.



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